

CLAIMS

What is claimed is:

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1. A system comprising:
a motherboard to have a chipset coupled thereto;
a memory to store a sequence of instructions, the memory coupled with the
motherboard; and
a riser card coupled with the motherboard, the riser card having a circuit thereon
that interacts with a corresponding portion of the chipset to provide a functionality to the
system, the riser card also having a memory to store one or more indications of the
functionality;
the sequence of instructions to cause a driver to be loaded based, at least in part,
on the one or more indications.

2. The system of claim 1 wherein the riser card is coupled with the
motherboard via a slot interface having pins corresponding to one or more predetermined
industry standards.

3. The system of claim 1 wherein the memory of the riser card is a read-only
memory (ROM) and the boot sequence is a basic input/output system (BIOS).

4. The system of claim 1 wherein the functionality comprises one or more
audio codecs.

1 5. The system of claim 1 wherein the functionality comprises one or more
2 modem codecs.

1 6. The system of claim 1 wherein the functionality comprises support for one
2 or more Universal Serial Bus devices.

1 7. The system of claim 1 wherein the functionality comprises support for one
2 or more SMBus devices.

1 8. The system of claim 1 wherein the functionality comprises networking
2 functionality.

1 9. The system of claim 1 wherein the driver is loaded by an operating
2 system.

1 10. A riser card comprising:
2 a interface to allow the riser card to be coupled with a motherboard having a
3 chipset coupled thereto;
4 a memory to store a sequence of instructions, the memory coupled with the
5 motherboard; and
6 a riser card coupled with the motherboard, the riser card having a circuit thereon
7 that interacts with a corresponding portion of the chipset to provide a functionality to the

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8 system, the riser card also having a memory to store one or more indications of the
9 functionality;
10 the sequence of instructions to cause a driver to be loaded based, at least in part,
11 on the one or more indications.

1 11. The card of claim 10 wherein the riser card is coupled with the
2 motherboard via a slot interface having pins corresponding to one or more predetermined
3 industry standards.

1 12. The card of claim 10 wherein the memory on the riser card is a read-only
2 memory (ROM) and the boot sequence is a basic input/output system (BIOS).

1 13. The card of claim 10 wherein the functionality comprises one or more
2 audio codecs.

1 14. The card of claim 10 wherein the functionality comprises one or more
2 modem codecs.

1 15. The card of claim 10 wherein the functionality comprises support for one
2 or more Universal Serial Bus devices.

1 16. The method of claim 10 wherein the functionality comprises support for
2 one or more SMBus devices.

17. The card of claim 10 wherein the functionality comprises networking
functionality.

1 18. The card of claim 10 wherein the driver is loaded by an operating system.

1 19. A memory comprising an interface to couple to a riser card, the riser card
2 having a circuit thereon that interacts with a corresponding portion of the chipset to
3 provide a functionality to the system, the memory to store one or more indications of the
4 functionality.

1 20. The memory of claim 19 wherein the riser card is coupled with the
2 motherboard via a slot interface having pins corresponding to one or more predetermined
3 industry standards.

1 21. The card of claim 19 wherein the memory is a read-only memory (ROM).

1 22. The card of claim 19 wherein the functionality comprises one or more
2 audio codecs.

1 23. The card of claim 19 wherein the functionality comprises one or more
2 modem codecs.

